

THE
ANNUAL REPORT

TO THE
URBAN SANITARY
:: AUTHORITY ::

OF THE
COUNTY BOROUGH OF HUDDERSFIELD

FOR THE YEAR

1926.

BY
S. G. H. MOORE, M.D., D.P.H.

PRINTED BY ORDER OF
THE HEALTH COMMITTEE

HUDDERSFIELD:

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PUBLIC HEALTH DEPARTMENT,

HUDDERSFIELD.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

GENTLEMEN,

In accordance with your instructions, the following report is a bald statement of facts, practically without comment.

The general Death Rate for 1926 was 12.77—a very satisfactory figure. With the single exception of the year 1923, when the rate was 12.62, it is the lowest on record, and contrasts with 23.02 in 1891 when I took up duty in the Borough.

The Infant Mortality Figure was 58—that is to say, 58 babies less than a year old died per thousand births during 1926. This compares with the preceding year, when the figure was 69, and with the next best 72 in the year 1923. During the years from 1877 until 1906, before Huddersfield gave particular attention to the subject, the Infant Mortality Figure averaged 156. These figures appear to afford solid grounds for satisfaction on the part of the Corporation, and the inhabitants of Huddersfield. They constitute a magnificent record with regard to which pride may be looked upon as legitimate.

Even the relatively low figure of 58 is capable of improvement. During the last six years the methods which have led to the results set out above have been applied in an intensified form in a third of the Borough. (The Scheme originally adopted on my advice by the Maternity and Child Welfare Committee was not applied completely. It has lacked an important element).

The extension of this particular work to the whole Borough will shortly receive consideration. I venture to express the hope that this consideration will be favourable.

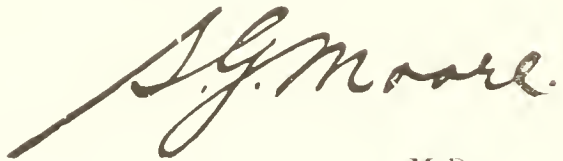
I commend to the attention of the members of the Corporation Table VI., on page 41 of this report, where are set out all the significant corrected death-rates, together with the population for the years 1880 to 1926.

The figures constitute a record of continuous progress. No death from Scarlet Fever occurred in the whole Borough during the year 1926.

I am,

Mr. Chairman and Gentlemen,

Faithfully yours,

A handwritten signature in dark ink, reading "J. G. Moore". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

M.D.,

Medical Officer of Health.

ABSTRACT.

- 1. Situation of the Borough.**—Latitude $53^{\circ} 39' 7''$ N.; Longitude $1^{\circ} 47' 30''$ W.
- 2. Elevation.**—Varies from 150 feet to 1200 feet above Sea Level.
- 3. Area of the Borough.**—11,875 acres.
- 4. Population.**—1921 Census, 110,102; estimated by the Registrar General at middle of 1926, 111,900, for calculating death, mortality, and birth rates.
- 5. Density of Population.**—For the Borough 9.4 persons per acre.
- 6. Number of Inhabited Houses.**—(1921) 28,179
 ,, ,, ,, (1926) 29,726
- 7. Number of Families or Separate Occupiers.**—(1921) ... 27,846
- 8. Rateable Value.**—£841,313 10s. 0d.
- 9. Sum represented by 1d. Rate.**—£3,350
- 10. Marriages.**—Number during the year, 993; rate per 1,000 of the population, 8.9.
- 11. Births.**—Males 796 } Total 1559.
 Females 763 }
 Rate 13.98.
- 12. Deaths.**—Males 730—Rate 6.55
 Females 694—Rate 6.22
 Total 1424—Rate 12.77

Annual rate of mortality, 12.77.

Mean rate during years 1917-1926, 13.78.

Total deaths from zymotic diseases, 32.

Annual rate of mortality	do.	0.29.
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Mean rate of mortality do. years 1917-1926, 0.35.

NOTE.—“Rate” = per 1,000 per annum. All rates are calculated on the Registrar General’s figure.

13. Infant Mortality Figure 58.

NATURAL AND SOCIAL CONDITION OF THE DISTRICT.

Population Census, 1921 110,102

Estimated 1926 Registrar General's figure 111,900

Physical Features and General Character of the District, see Annual Report, 1914.

Chief Occupation of Inhabitants—Woollen Manufacturing, and Synthetic Dyes and Engineering.

Poor Law Relief—Conducted by the Guardians of the Poor.

SANITARY ACCOMMODATION IN HUDDERSFIELD.

	1922	1923	1924	1925	1926
Number of clean water closets, including trough closets ...	13,615*	14,181*	14,859*	16,551*	19,128*
Number of waste water (slop) closets	200	198	196	191	179
Number of tub closets	14,092†	12,947†	12,762†	10,904†	8,418†
Number of tubs in use	14,523†	13,378†	13,193†	11,149†	8,666†
Number of ashpits in use	3,063†	63†	63†	28†	74†
Number of ashbins in use	12,183†	22,137†	22,726†	23,940†	25,449†
Number of existing privy middens	274†	268†	195†	184†	191†

* These figures are supplied by the Waterworks Manager.

† This information was supplied by the Seavenging Superintendent.

‡ Increase due to Census of privies being taken, and a number found to be emptied by farmers, and not previously emptied by Corporation.

Closet conversions during the period 1915 1926 carried out under Sanitary Notices.

Privies with fixed receptacles converted to clean water closets 137
 Privies with movable receptacles converted to clean water closets 913
 Slop water closets converted to clean water closets 10

During the year the Corporation have proceeded with the scheme for converting Tub Closets to the Water Carriage System, viz :—

Where the conversion is done voluntarily by the owner a grant of £10 is made.

When advantage is not taken of the above system, conversions are being carried out by the Corporation, the owners bearing the cost of structural alterations and re-laying of defective drains.

The number of conversions carried out during the year, under the Scheme, are as follows :—

Privies with movable receptacles converted under Corporation Scheme :

By Owners, under £10 scheme	...	...	...	...	1014
„ Conversion Officer	—	...	...	...	741

Slop water closets converted :

By Owners, under £10 scheme	—	12
-----------------------------	---	-----	-----	-----	----

NOTE. In every case where a sufficient sewer and water supply is available, all new closets erected must be on the water carriage system, and be flushed with clean water.

REMOVAL OF NUISANCES.

Drains requiring Re-construction	...	...	...	...	61
„ „ connecting with main sewer	...	...	...	...	125
„ requiring Ventilation Shafts	...	...	...	...	14
Defective Sink Pipes and Drains	...	...	...	...	200
„ Yard Drains	...	...	...	...	151
„ Cellar Drains	...	...	...	...	13
„ Eave and Fall Pipes	...	...	...	...	41
„ Roofing	...	...	...	...	65
„ Baths	...	...	...	...	1
„ Water Closets	...	...	...	...	84
„ Woodwork or Plaster round Sink	...	...	...	...	18
„ Plaster	...	...	...	...	42
„ Floors	...	...	...	...	33
„ Ventilation Shaft	...	...	...	...	1
Waste Pipes requiring Disconnecting	...	...	...	...	19
Fall Pipes requiring Disconnecting	...	...	...	...	20
To provide Sinkstones in Houses	...	...	...	...	13
Nuisances from want of drains	...	...	...	...	7
„ „ Water in Cellar	...	...	...	...	9
„ Cesspools	...	...	...	...	4
„ Street Gullies	...	...	...	...	7
„ Stagnant water	...	...	...	...	1
„ Defective Surface of Yard	...	...	...	...	6
„ Smoke	...	...	...	...	4

„ Poultry, Pigeons, and Animals	10
„ want of Manure Steal	1
Offensive Accumulations	16
„ Ashpits and Privies	2
Closets requiring Lime-washing	10
Closets requiring proper doors and covering	1
Old Privies requiring alteration to w.c. system	18
Tub Closets requiring conversion to w.c. system	1065
Waste Water Closets requiring conversion to Clean Water	
Closets	12
Insufficient Closet Accommodation	76
Houses Overcrowded	2
„ Unfit for Habitation	2
„ Requiring Cleansing	10
„ Requiring Ventilation	90
„ Damp	23
Bakehouses requiring Lime-washing or Cleansing	4
Workshops requiring ventilation	1
Total	2282

SUMMARY.

	1st Quarter.	2nd Quarter	3rd Quarter.	4th Quarter.	TOTALS.
No. of Premises where Notifiable diseases have occurred	329	304	199	308	1140
Do. inspected do. do. do.	294	265	188	258	1005
Do. disinfected do. do. do.	195	113	133	182	653
Do. flushed do. do. do.	237	199	152	199	787
Do. visited searching for fever	4830	457	477	552	6316
Number of re-visits where cases are isolated at home	28	38	37	36	139
Do. houses visited for Zymotic or other particulars	459	198	160	186	703
Total number of visits to infected houses	4944	659	650	750	7003
Cases removed to Hospital, &c.	254	184	131	191	757
Number of Articles disinfected by Lyon's Disinfecter	3155	2790	2083	2549	10577
Number of visits in deaths from Phthisis	18	22	23	22	85
Do. Under one	31	31	15	20	97
Number of premises flushed by request of owners (paid for)	199	214	212	177	802
Other premises, yards or courts flushed	324	297	250	335	1206
Drains found choked by Flushers	194	243	237	239	913
Drains made clear	170	236	219	229	854
Number of applications received to empty Ashpits and Privies	9	13	7	14	43
Do. do. do. Receptacles	2	7	5	3	17
Nuisances reported to Public Health Department	124	123	162	140	549
Do. inspected	124	123	162	140	549
Inspection of premises where nuisances are found	385	392	416	524	1717
Do. premises where no nuisances are found	553	697	881	1030	3161
Do. premises where offensive trades are conducted	53	55	28	45	181
Do. Cellar Dwellings	4	7	1	2	14
Do. Houses let in lodgings	7	5	19	9	40
Do. Common Lodging Houses	166	144	126	171	607
Do. Workshops	14	72	47	53	186
Do. Factories	18	29	38	18	103
Do. Schools	—	15	23	22	60
Do. Slaughter Houses	123	146	133	178	580
Do. Canal Boats	11	17	5	9	42
Do. Dairies and Milkshops	15	28	9	102	154
Do. Cowsheds	403	279	208	321	1211
Do. Bakehouses	14	133	5	171	323
Do. Markets and Shops	308	314	320	413	1355
Do. Van Dwellings	173	2	122	4	301
Re-visits to work in progress	752	962	1020	945	3679
Visits to property under notice	976	1022	1018	926	3942
Total number of Inspections of Premises	3975	4319	4419	4943	17656
No. of Entries in Report Books	238	230	276	299	1043
Preliminary Notices to Owners	98	50	53	47	248
Number of Legal Notices issued for abatement or abolition of nuisances	104	29	36	48	217
Owners seen personally	238	274	378	399	1289
Summonses taken out	2	3	—	—	5
Sections of New Drains tested	68	82	112	82	344
Do. and satisfactory at first test	68	82	112	82	344
Old Drains tested	36	52	100	69	257
Do. and found sound	12	21	44	21	98
Do. and found defective	24	31	56	48	159
Smoke observations taken	4	—	—	1	5
Number of visits under Food and Drugs Acts	62	118	70	104	354
Food and Drugs samples purchased	57	102	68	115	342
Do. adulterated	—	1	1	2	7
No. of Animals inspected by Vet. Inspector	2127	1693	1383	1903	7106
Do. certified by Vet. Insp. to be tubercular	5	—	1	5	11

DAIRIES, COWSHEDS AND MILKSHOPS.

See Prefatory Letter, 1923 Annual Report.

FOOD INSPECTION.

FOOD AND DRUGS ACTS, 1875 TO 1907.

Report of Action taken under the above-named Acts in the County Borough of Huddersfield during the year 1926.

1.—ARTICLES ANALYSED.

New Milk	134	Of this number 7 were certified as adulterated
Butter	30	
Margarine	8	
Cream	15	
Preserved Cream...	5	
Lard	17	
Coffee	31	
Baking Powder	21	
Arrowroot... ..	4	
Pepper	11	
Cocoa	17	Of this number 1 was certified as adulterated
Condensed Full Cream Milk	18	Of this number 1 was certified as adulterated
Miscellaneous	37	Of this number 9 were certified as adulterated
<hr/>		
Total	348	Of this number 18 were certified as adulterated

2.—DETAILS OF SAMPLES REPORTED BY THE PUBLIC ANALYST TO BE ADULTERATED.

No.	Article.	Result of Analysis.	Proceedings.
128	Dried Full Cream Milk (Formal)	Deficient in fat to the extent of 0.5%	Further sample taken which complied with regulations
129	Dried Full Cream Milk (Formal)	Deficient in Fat to the extent of 2.0%	Proprietors written by Town Clerk.
132	Dried Full Cream Milk (Formal)	Deficient in Fat to the extent of 0.6%	Further sample taken which complied with regulations.
30	Dried Milk (Informal)	Slightly deficient in the requisite amount (26%) of milk fat, viz: 1.4%	Vendors written by Medical Officer of Health
50	New Milk (Formal)	Not genuine by reason of the abstraction of at least 25% of its butter fat or by the addition thereto of water	Case heard June 23rd, 1926. Vendor fined £3 0s 0d.
53	New Milk (Formal)	Not genuine by reason of the abstraction of at least 10% of its butter fat and the addition of at least 4.21% of water	Case heard July 9th, 1926. Case dismissed

No.	Article.	Result of Analysis.	Proceedings.
55	New Milk (Formal)	Not genuine by reason of the abstraction of at least 10% of its butter fat or the addition thereto of water	Case heard July 9th, 1926. Case dismissed
56	New Milk (Formal)	Not genuine by reason of the abstraction of at least 1% of its butter fat or the addition thereto of water	Vendor warned by Town Clerk.
62	Cocoa (Informal)	Contained 1/30th grain arsenious oxide per pound	Further sample taken Result less than 1/150th grain arsenious oxide per pound. Considered negligible
78	New Milk (Formal)	Not genuine by reason of the abstraction of at least 8.34% of its butter fat or by the addition thereto of water	Vendor's Solicitors seen by Town Clerk and warned. Further sample proved genuine.
125	Condensed Full Cream Milk Sweetened (Informal)	Contained only 30.70% of total milk solids and was therefore slightly below the legal standard of 31%	Further sample taken which proved genuine.
105	New Milk (Formal)	Not genuine by reason of the abstraction of at least 14% of its butter fat or the addition thereto of water	Vendor seen and warned by Town Clerk.
116	New Milk (Formal)	Not genuine by reason of the abstraction of at least 6% of its butter fat or by the addition thereto of water	Vendor seen and warned by Town Clerk.
196	Dried Full Cream Milk (Informal)	This sample was deficient in fat to the extent of 2.0%	Formal sample taken which proved genuine.
37	Beurre Box Pears (Informal)	One pear contained less than 1/1200th grain Arsenic. Another contained less than 1/140th grain Arsenic	
38	Winter Nelis Pears (Informal)	Contained less than 1/220th grain Arsenic per pound	
39	Beurre Box Pears (Informal)	Contained less than 1/110th grain Arsenic per pound	

No.	Article.	Result of Analysis.	Proceedings.
40	Beurre Box Pears (Informal)	Contained less than 1/150th grain Arsenious Oxide per pound	

3.—OFFENCES OTHER THAN ADULTERATION.—None.

4.—LEGAL PROCEEDINGS.

Date.	No. of Sample.	Offence charged.	Name of Defendant.	Result.
May 19 1926	50	Selling new milk which had been deprived of at least 25% of its butter fat, or the addition thereto of water.	M. B. for T. C.	Fined £3
May 20 1926	53	Selling new milk which had been deprived of at least 10% of its butter fat and the addition of at least 4.24% of water.	L. N. for G. N.	Case Dismissed
May 26 1926	55	Selling new milk which had been deprived of at least 10% of its butter fat, or the addition thereto of water.	A. A.	Case Dismissed

INFORMAL PROCEEDINGS.

During the year 211 samples were obtained informally, and submitted to Public Analyst for analysis. These are included in the foregoing statements.

The nature and number of such samples were as follows :—

New Milk	...	...	...	...	...	1
Butter	...	...	...	...	...	30
Coffee	...	...	...	...	...	31
Dried Milk	...	...	...	...	...	3
Margarine	...	...	...	...	...	8
Pepper	...	...	...	...	...	11
Baking Powder	...	...	...	...	...	21
Arrowroot	...	...	...	...	...	4
Pure Cream	...	...	...	...	...	15
Preserved Cream	...	...	...	...	...	5
Lard	...	...	...	...	...	17
Condensed Full Cream Milk	...	...	...	...	...	18
Condensed Machine Skimmed Milk	...	...	...	...	...	5
Jam	...	...	...	...	...	4
Miscellaneous	...	...	...	...	...	38
Total	...	...	...	...	...	211

INVESTIGATION OF THE BACTERIOLOGICAL CONTENT OF THE MILK SUPPLY.

During the year 1926, 67 samples of milk were submitted for bacteriological examination, with the following results :—

Average number of organisms per c.c. on gelatine at					
room temperature	...	...	...	...	3,067,820
Maximum number of organisms per c.c. on gelatine at					
room temperature	...	...	...	(more than)	10,000,000
Minimum ditto	...	...	...	...	13,000
Average number of organisms per c.c. on agar at 37° C					
					1,708,701
Maximum number of organisms per c.c. on agar at 37° C					
				(more than)	10,000,000
Minimum ditto	...	...	...	...	5,000

Out of the total number of samples 4 caused tuberculosis in guinea pigs on inoculation.

Fifty-three contained micro-organisms indicating faecal contamination in 1/100 c.c. of milk.

Two guinea pigs were inoculated from each sample ; 2 died, the cause was attributed to blood poisoning as the result of inoculation before the period necessary for the development of tuberculosis (if present) had elapsed.

MILK (SPECIAL DESIGNATIONS) ORDERS. 1922 AND 1923.

One Licence to sell milk as "Certified" has been granted.

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS 1912 AND 1917.

Report on the Administration of the above-named Regulations in the County Borough of Huddersfield during the year 1926.

The procedure remains as last year.

The details are set out below : —

1. MILK AND CREAM NOT SOLD AS PRESERVED CREAM.

		(a)	(b)
		No. of samples examined for the presence of a preservative.	No. in which preservative was reported to be present, and Percentage of Preservative found in each sample.
Milk	...	138	...
Cream	...	15	...

2.—CREAM SOLD AS PRESERVED CREAM.

(a) Instances in which samples have been submitted for analysis to ascertain if the statements on the labels as to preservatives were correct :—

1. Correct statements	...	...	...	5
2. Incorrect statements	...	...	...	—
Total	...	...	...	5

Percentage of Preservative found in each sample.				Percentage stated on Statutory label.	
Sample No. 88 contained 0.248% of Boric Acid. Not exceeding 0.4%.					
„	185	„	0.15%	„	„
„	187	„	0.14%	„	„
„	191	„	0.26%	„	„
„	192	„	0.23%	„	„

(b) Determinations made of milk fat in cream sold as preserved cream :—

1. Above 35 per cent.	...	...	...	5
2. Below 35 per cent.	...	...	...	—
Total	...	...	...	5

(c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V. (1), and the proviso in Article V. (2) of the Regulations have not been observed.—None.

(d) Particulars of each case in which the Regulations have not been complied with, and action taken.—None.

3.—THICKENING SUBSTANCES.

Any evidence of their addition to cream or to preserved cream.
Action taken where found.—None.

4.—OTHER OBSERVATIONS.

No preservatives or colouring matters were found in cream.

MEAT INSPECTION.

There are ten Private Slaughter Houses still in the Borough, and one Knaacker's Yard. The whole of the ten Slaughter Houses are licensed, as is also the Knaacker's Yard.

	In 1914.	In January, 1925.	In January, 1926.
Registered ...	...	...	...
Licensed ...	13	10	10
Total ...	13	10	10

There is also a Public Abattoir. Constant supervision is kept at the Abattoir during killing hours, and the Private Slaughter Houses are visited by the District Inspectors when killing is likely to be taking place.

The number of carcasses condemned wholly or partly was 102 and 73 respectively. These were as follows :—

Carcases Wholly or Partly Condemned and Destroyed.**Table A.**

Animals.	Wholly.	Partly.	Totals.
Cows	17	10	27
Heifers	7	2	9
Bullocks	2	8	10
Calves	23	1	24
Sheep	12	6	18
Pigs	41	46	87
	102	73	175

The diseases found in the carcasses in the Public Abattoir and throughout the Borough are enumerated in Table B.

Table B.

Disease.	Cows.	Bullocks.	Heifers.	Calves.	Pigs.	Sheep.	Totals.
Tuberculosis	17	2	4	—	63	—	86
Jaundice	—	—	—	1	5	—	6
Peritonitis	—	—	1	—	—	4	5
Pyæmia	2	—	—	—	—	—	2
Moribund (Accidents)	4	8	4	23	8	8	55
Emaciation	4	—	—	—	3	—	7
Swine Erysipelas ...	—	—	—	—	8	—	8
Strongylus Rufescens	—	—	—	—	—	6	6
	27	10	9	24	87	18	175

Table C.

The total weight of meat, unwholesome, or unsound, and destroyed was as follows :—

Beef	...	...	...	...	17,775 lbs.
Mutton	...	...	...	...	1,612 lbs.
Pork	...	...	...	...	7,906 lbs.
Veal	...	...	...	...	1,612 lbs.
Offals	...	...	...	...	13,116½ lbs.
Total					42,321½ lbs.

Other Articles of Food.

Rabbits	...	...	...	...	137 lbs.
Fish	...	...	...	...	65 lbs.
Shell Fish	...	...	...	...	1,084 lbs.
Vegetables	...	..	...	...	12,184 lbs.
Fruit	...	...	...	...	700 lbs.
Eggs (Preserved)	...	...	...	...	40 lbs.
Bacon	...	...	...	...	46½ lbs.
One Fowl	...	...	...	...	3½ lbs.
Tinned Foodstuffs	...	...	...	...	782 tins.

FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or
Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions
Factories	103	3	...
(Including Factory Laundries)	...	...	...
Workshops	509	13	...
(Including Workshop Laundries)	...	...	...
Workplaces ... ..	...	...	...
Total	612	16	...

2.—DEFECTS FOUND.

Particulars	Number of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts* :—</i>				
Want of cleanliness	5	5	...	...
Want of ventilation	3	3	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances, including emission of black smoke	10	9	...	...
Sanitary accommodation {	insufficient	8	8	...
	unsuitable or defective	28	27	...
	not separate for sexes	6	6	...
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouses (S. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (SS. 97 to 100) ... ..	...	...	...	...
Other offences, including escape in case of fire— (Excluding offences relating to out-work which are included in Part 3 of this Report).	...	...	...	...
Total	60	58	...	...

* Including those specified in sections 2, 3, 7, and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

3. HOME WORK.

Class.							Number of		
List of Outworkers (S. 107) :—							Lists.	Out-workers	
								Con-tractors.	Workmen
List received from Employers twice per year							...	2	2
“	“	“	“	once	“	...	4	56	2
Prosecutions							...	...	...
Outwork in unwholesome premises (S. 108)							...	Wearing Apparel.	Other.
Cases of infectious diseases notified in home workers' premises							...	Nil.	
Orders prohibiting homework in infected premises (S.110)							...		

4.—REGISTERED WORKSHOPS.

Workshops on the Register (S. 131) at the end of the year.

Important classes of workshops, such as workshop bake-houses, may be enumerated here.	Clothing and similar trades	...	...	...	213
	Leather	...	...	...	123
	Iron and Tin	...	...	...	94
	Wood	...	...	...	72
	Lead and Paint	...	...	...	66
	Jewellery	...	...	...	28
	Bakehouses	...	...	...	128
	Miscellaneous Trades and Manufactures	...	...	...	153
	Total number of Workshops on Register	...	...	...	877

5.—OTHER MATTERS.

Matters notified to H.M. Inspector of Factories :—

Failure to affix Abstract of the Factory and Workshop Acts (S. 133, 1901)								—
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (S. 5, 1901)				Notified by H.M. Inspector				28
				Reports (of action taken) sent to H.M. Inspector				28
Other				...	...	...	...	—

Underground Bakehouses (S. 101) :—

Certificates granted during the year	...	...	...	...	—
In use at the end of the year	...	...	...	...	5

CLASSIFIED LIST OF WORKSHOPS.

	On Register Dec. 31st, 1925		Added during 1926		Removed during 1926		Remaining Dec. 31st, 1926	
	Central District.	Outer Districts.	Central District.	Outer Districts.	Central District.	Outer Districts.	Central District.	Outer Districts.
Dress and Mantle Makers and Milliners, Tailors, Waterproof Manufacturers, &c.	147	59	1	—	3	—	145	59
Boot and Shoe Makers, Cloggers, Saddlers and Carriers	52	75	1	1	5	1	48	75
Black, Shoeing, Tin, and White Smiths; Cycle Repairs, &c.	54	40	—	1	1	—	53	41
Joiners, Cabinet Makers, Wood Carvers, Picture Framers and Gilders	30	29	2	—	2	—	30	29
Plumbers, Painters and French Polishers	41	26	—	—	1	—	40	26
Coopers, Carriage Builders, and Wheelwrights	9	7	—	—	3	—	6	7
Watchmakers, Jewellers, Engravers, and Electrical Engineers	24	3	2	—	1	—	25	3
Rug Makers and Rag and Wool Sorters	24	7	—	—	—	—	24	7
Upholsterers, Basket and Brush Makers	25	5	3	—	1	—	27	5
Hosiery Knitters, Shirt Makers, and Laundries	4	5	—	—	—	—	4	5
Monumental Sculptors	1	4	—	—	—	—	1	4
Organ Builders, Piano Repairers, &c.	6	—	—	—	—	—	6	—
Tripe Dressers	6	1	—	—	—	—	6	1
Bakehouses	41	89	—	1	1	2	40	88
Manufacturing Chemists; Mattress, Corset, Blind, and Waggon Cover Makers; Wire Workers, Tea Packers, Teazle Trimmers, Rope Makers, Tallow Chandlers, &c., &c.	48	21	3	2	2	—	49	23
	512	371	12	5	20	3	504	373
	883		17		23		877	

CANAL BOATS ACTS, 1877 and 1884.

Huddersfield Registration District.

(1). Arrangements made for the inspection of boats, the name, address, and remuneration of the Inspector.

Ernest Richardson, Public Health Department, Huddersfield, was appointed Inspector of Canal Boats on the 10th day of October, 1917, and the remuneration for the work is included in his salary as Sanitary Inspector.

(2). The number of boats inspected during 1926, was 28, and of inspections 48.

The 28 boats were made up of 3 broad boats, 10 narrow and 15 fly boats, the last being all broad boats.

The places of registry were : Goole, 13 ; Mirfield, 10 ; Hull, 2 ; Dewsbury, 1 ; Huddersfield, 2. The whole of the boats inspected were found in good condition and conforming to the Acts and Regulations and the occupants of all the boats in good health.

(3). Infringements of the Acts and Regulations with respect to the following matters :—

- (a) Registration. None.
- (b) Notification of change of master.—None.
- (c) Masters without certificate.—None.
- (d) Marking.—None.
- (e) Overcrowding.—None.
- (f) Separation of sexes.—None required.
- (g) Cleanliness.—None.
- (h) Ventilation.—Nothing to complain about.
- (i) Painting.—None.
- (j) Provision of water casks.—All boats provided.
- (k) Removal of bilge water. This work received regular attention.
- (l) Notification of infectious disease.—None.
- (m) Admittance of Inspector. No difficulty experienced.

(4). Legal proceedings taken. None.

(5). Any other steps taken to secure compliance with the Acts and regulations.—None required.

Matters of cleanliness of minor moment have received prompt attention at the instigation of the Inspector.

- (6). Infectious diseases.—None.
- (7). Detention of boats.—None.
- (8). (a) Number of boats on the register.—Ten.
Number of boats in use or available. Ten.
Propelled by motor. None.
- (b) Number of boats that cannot be traced. None.
- (9). Number registered during 1926. None.

E. RICHARDSON,

Inspector under the Canal Boats Acts.

Public Health Department,
Huddersfield,

January 27th, 1927.

CANAL BOATS ACTS, 1877 AND 1884.

Summary Appendix to the Annual Report of the Canal Boats
Inspector for the year 1926.

	1926	1925	1924
Number of boats inspected	28	31	31
Made up of Broad Boats	3	7	9
Broad Fly Boats	15	18	14
Narrow Boats ..	10	6	8
Narrow Fly Boats	..	..	..
Registered Accommodation—Aft Cabin ..	123½	125	113
Centre Cabin ..	209½	215½	198½
Fore Cabin ..	86	90½	85½
Population found on board			
Adults	79	74	42
Children	79	74	42
Children under school age	None	None	None
Number of children of school age	None	None	None
Number of days on which inspections have been made	14	18	13
Number of inspections made	48	45	45
Number of boats conforming to Acts and Regulations	28	30	31
Number of boats with one or more infringements	None	1	None
Number of infringements met with	None	1	None
Number remedied ..	None	1	None
Number dealt with by magistrates	None	None	None
Number still under Notice December 31st	None	None	None
Number service effected ..	None	None	None

HOUSING.**NUMBER OF NEW HOUSES ERECTED DURING THE YEAR 1926**

(a) Total (including numbers given separately under (b) ...	381*
(b) With State assistance under the Housing Acts, 1923, 1924, 1925—	
(i) By the Local Authority	110*
(ii) By other bodies or persons	271*

The Corporation have a scheme for building 1,500 houses under the Housing and Town Planning Acts. The following list shews the number of houses erected by the Corporation and in course of erection since 1914 :—

LIST OF HOUSES ERECTED BY THE CORPORATION.

1914	...	...	...	163
1915	...	...	...	20
1916	...	...	...	27
1917	...	...	...	0
1918	...	...	...	0
1919	...	...	...	100
1920	...	...	...	118
1921	...	...	...	61
1922	...	...	...	135
1923	...	...	...	48
1924	...	...	...	69
1925	...	...	...	191
1926	...	...	...	110
Total	...	...	...	1042*

The following statement shews the number of plans submitted and houses erected during 1926 by private enterprise, in addition to those dealt with by the Sanitary Authority :—

Number of plans for dwelling-houses submitted from Jan. 3rd, 1926 to Jan. 1st, 1927, by private persons	388*
Number of these houses in course of erection	294*
Number not being proceeded with	57*
Number of houses certified for occupation	422*†

*This information was furnished by the Borough Architect.

†Of the dwellings certified for human habitation and erected by private enterprise during 1926, 396 were suitable for members of the Artisan class

APPENDICES.

HOUSING CONDITIONS.

Statistics.—Year ended 1st January, 1927.

1.—GENERAL.

(1)	Estimated population	...	...	...	...	111,900
(2)	General death-rate	...	...	...	...	12.77
(3)	Death-rate from Tuberculosis	...	...	...	...	0.99
(4)	Infantile Mortality	...	...	...	...	58.00
(5)	Number of dwelling-houses of all classes	...	...	...	...	29,726
(6)	Number of working-class dwelling-houses	...	...	...	...	26,426
(7)	Number of new working-class houses erected	...	...	...	...	397

2.—UNFIT DWELLING-HOUSES.

I.—Inspection :—

(1)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	472
(2)	Number of dwelling-houses which were inspected and recorded under the Housing (Consolidated Regulations, 1925)	...	...	...	...	472
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	20
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	...	...	...	...	433

II.—Remedy of Defects without service of formal notice :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or its officers	2
---	-----	-----	-----	-----	---

III.—Action under Statutory Powers :—

A.—Proceedings under the Housing Act, 1925, Section 3.

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	...	378
-----	---	-----	-----

(2)	Number of dwelling-houses which were rendered fit :	
	(a) By owners (notices for which were served in 1920, 1921, 1924, 1925 and 1926)	139
	(b) By Local Authority in default of owners	—
(3)	Number of dwelling-houses in respect of which closing orders became operative in pursuance of declarations by owners of intention to close	1
B.	Proceedings under Public Health Act	—
C.	Proceedings under Sections 9, 11 and 14 of the Housing Act, 1925 : —	
(1)	Number of representations made with a view to the making of Closing Orders	20
(2)	Number of dwelling-houses in respect of which Closing Orders were made	1
(3)	Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	—
(4)	Number of dwelling-houses in respect of which Demolition Orders were made	—
(5)	Number of dwelling-houses demolished in pursuance of Demolition Orders	—

3. UNHEALTHY AREAS.

Areas represented to the Local Authority with a view to Improvement Schemes under (a), Part I., or (b), Part II. of the Act of 1890

Staff engaged on Housing, with, briefly, the duties of each Officer :—

Two Inspectors engaged solely on Housing Work.

TABLE SHOWING THE CASE MORTALITY (*i.e.* Number of Deaths per 100 Cases) among Patients suffering from Scarlet Fever, Diphtheria and Typhoid Fever, treated in the Mill Hill Sanatorium, and among cases of the same diseases treated at home, from the Opening of the Hospital, April, 1899, to January 1st, 1927.

Disease.	Cases Notified.	Removed to Hospital.	Cases Treated at Home.	Mortality per cent. in Hospital.	Mortality per cent. at Home.
Scarlet Fever ...	8199	7791	408	2.09	5.63
Diphtheria ...	3110	2706	404	6.79	25.74
Typhoid Fever ...	888	693	195	18.61	41.02

NURSING ARRANGEMENTS, HOSPITALS AND OTHER INSTITUTIONS IN THE DISTRICT.

This work remains as reported in 1924.

HOSPITALS AND INSTITUTIONS.

Laboratory Work.

During the year 2,495 specimens were examined. Of these 43.25% were received from private practitioners, 19.48% from the Mill Hill Sanatorium, 0.04% from the Bradley Wood Sanatorium, 2.32% from the Huddersfield Royal Infirmary, and the balance forming 34.91%, representing various specimens obtained by one or other member of the staff of the Public Health Department in the course of routine duty.

MATERNITY AND CHILD WELFARE.

The work continues as formerly reported.

Puerperal Fever.

Eight cases of Puerperal Fever were notified during 1926, and each case was investigated. The death-rate from this disease was 0.03.

Epidemic Diarrhœa.

The number of cases notified in pursuance of the Huddersfield Corporation Act, 1880, section 65, was 7. Four notifications referred to infants under one year of age, and the remaining three to infants between the age of one and five years. Three deaths occurred from this disease.

Whooping Cough.

This is not recognised by the Sanitary Authority as a notifiable disease. The death rate for the year was 0.05.

Ophthalmia Neonatorum.

CASES.			Vision Unimpaired	Total Blindness.	Blindness from other causes.	Non- Resident.
Notified.	TREATED.					
	At Home.	In Hospital.				
28	28	—	25	1	1 Of Cerebral Origin.	1

Each case of Ophthalmia Neonatorum is visited forthwith by an Assistant Medical Officer of Health, who ensures that medical treatment is forthcoming.

SANITARY ADMINISTRATION.

Staff (exclusive of School Medical Service) :

Medical Officer of Health.
 Three Assistant Medical Officers of Health.
 Chief Sanitary Inspector.
 Five Assistant Inspectors.
 Two Inspectors under the Housing and Town Planning, etc.,
 Act, 1909.
 Infectious Disease Officer.
 Five Clerks.
 One Tuberculosis Nurse.
 Three Home Helps.
 Two Daily Assistants.

The work of the Sanitary Inspector includes :

- (a) Inspection of Nuisances under the Public Health Act, 1875.
- (b) Inspection under the Housing, Town Planning, etc., Act, 1909.
- (c) Food Inspection under the Food and Drugs Act, 1875 and 1907, and Milk and Cream Regulations, 1912.
- (d) Inspection of Factories, Workshops, Workplaces and Home-work.
- (e) Inspection under the Canal Boats Acts, 1877 and 1884.

LEGAL ACTS IN FORCE IN THE DISTRICT.

(In addition to the general body of Sanitary Law which applies to Huddersfield as to the rest of the Country).

Act.	Provisions.	Committee.
Huddersfield Water Act, 1869	Waterworks and Water Supply	Waterworks and Health
Huddersfield Water Act, 1871	Waterworks	Waterworks
*Huddersfield Improvement Act, 1871 	Highways, New Streets, Sanitary Arrangements	Highways and Health
*Huddersfield Waterworks and Improvement Act, 1876 ...	Hospitals and Infectious Diseases	Health
*Huddersfield Improvement Act, 1880 	Infectious Diseases Conversion of Privies	Health
*Huddersfield Corporation Act, 1902 	Milk Supply and Ice Cream	Health

Act.	Provisions.	Committee.
*Huddersfield Corporation Act, 1906 	Infectious Diseases, Provision of Dust- bins, Common Lodging Houses and Notification of Births	Health
Public Health Act Amendment Act, 1890. Section 22 adopted 	Sanitary Accom- modation in Factories, Work- shops and Work- places	Health
*Public Health Act, 1925	... Sanitary Provisions Verminous Premises, Water Courses, Streams	Health

* These Statutes include matters other than those stated here which are administered by other Corporation Committees.

TUBERCULOSIS.

52 weeks ended January 1st, 1927.

Age periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non Pulmonary		Pulmonary.		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	1	1	1	1	—	1	—	—
1	4	4	6	4		1	3	3
5	10	10	7	4	—	2		—
10	10	6	7	8		2	1	2
15	8	12	3	2	4	3	1	—
20	8	14	6	7	5	10	2	—
25	17	21	1	5	7	12		1
35	13	7	2	2	7	6	4	2
45	12	6	3	1	9	3	3	1
55	5	1	1	1	5	1	2	1
65 & upwards	2	4	2	2	2	4	—	—
Total at all ages	90	86	39	37	39	45	16	10

TABLE A.

Vital Statistics of Huddersfield during the Year 1926, and previous Years.

YEAR.	BIRTHS.			Nett.		Total Deaths registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.		
	Population estimated to middle of each year.	Un-corrected Number.	Number.	Rate.	Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
									Number.	Rate.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1911	108144	2126	2122	19.69	1664	15.44	84	55	281	132	1635	15.17
1912	109512	2060	2056	18.84	1540	14.11	94	61	199	97	1507	13.81
1913	110882	2196	2196	19.50	1681	14.92	101	84	227	103	1664	14.77
1914	112265	2030	2030	18.08	1690	15.05	104	63	227	112	1649	14.69
1915	112265	1940	1935	17.29	1796	16.05	90	124	212	109	1830	16.35
1916	115390	1905	1906	17.20	1747	15.71	156	83	198	103	1674	15.11
1917	107969	1646	1650	15.29	1475	13.29	123	79	132	80	1431	13.29
1918	105818	1575	1575	13.35	1737	16.41	105	130	158	100	1762	16.65
1919	105346	1519	1519	12.66	1701	15.81	107	98	144	95	1692	15.81
1920	112301	2106	2102	18.02	1546	13.81	111	62	169	80	1497	13.37
1921	116776	2040	2049	17.60	1607	13.80	126	70	178	87	1481	12.72
1922	111940	1837	1827	16.38	1503	13.47	101	67	137	74	1469	13.17
1923	111600	1752	1752	15.75	1459	13.11	115	60	126	72	1404	12.62
1924	111800	1666	1627	14.32	1625	14.31	102	64	159	97	1587	13.97
1925	112000	1660	1631	14.61	1576	14.11	160	78	112	69	1494	13.38
1926	111900	1617	1559	13.98	1471	13.19	126	56	90	58	1424	12.77

Area of District in acres (land and inland water) 11875.

Total population at all ages .. 110102

Total families or separate occupiers .. 27846

At Census of 1921.

Cases of Infectious Diseases notified during the year 1926.

Cases notified in whole District.									
At all Ages.		At Ages.		Total Cases notified in each Township.					No. of Cases removed to Sanatorium from each Township.
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	Huddersfield (including Central Marsh, Fartown, Beighton and Bradley).	
Notifiable Diseases.		Total Cases notified in each Township.							Total Cases removed to the Sanatorium from inside the Borough.
		(H)	(W)	(L)	(H)	(W)	(L)	(H)	
Anthrax	1	..	..	..	..	1	..	..	..
Small Pox	8	..	1	..	..	7	..	1	8
Cerebro Spinal Meningitis	2	..	1	..	1	2	..	..	..
Diphtheria and Membranous croup..	169	2	52	86	14	15	..	87	165
Erysipelas	37	..	2	2	6	40	7	..	1
Scarlet Fever	432	3	60	278	53	38	..	185	416
Acute Poliomyelitis ..	1	..	..	1	..	..	..	..	..
Enteric Fever	26	..	1	1	4	19	1	18	24
Puerperal Pyrexia....	5	..	..	..	2	3	..	..	..
Encephalitis Lethargica	9	..	..	2	1	6	..	1	1
Puerperal Fever	8	..	..	..	3	5	..	..	..
Pneumonia	135	3	25	20	20	57	10	..	..
Diarrhea (In Infants under 5 years of age)	7	4	3	..	..	..	..	..	..
Ophthalmia Neonatorum ..	25	28	..	..	..	..	15	1	1
(M		90	1	4	20	16	47	2	62
F		86	1	4	16	26	35	4	51
Total..		176	2	8	36	42	82	6	113
Tuberculosis:—									
(M ..		39	1	6	14	9	7	2	15
F ..		37	1	4	12	9	9	2	14
Total		76	2	10	26	18	16	4	29
Totals		1140	44	163	452	166	287	28	758

Isolation Hospital, name and situation—Huddersfield Sanatorium, Dalton)
Small Pox Hospital, name and situation Whitehouse Farm, Dalton.)
+ Sanatorium for Tuberculosis—Bradley Wood Sanatorium, Bradley)
+ including a block of 24 beds for surgical tuberculosis for children, provided by the late John Sykes, Esq.

TABLE C.

Causes of, and Ages at Death during the Year 1926.

CAUSES OF DEATH.		Nett Deaths at the Subjoined Ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.				
		All Ages.	Under 1.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Infirmary	Nursing Homes.	Sanatoria.	Workhouse.	Total in Institutions.
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
All causes—Certified..	..	1424	90	33	31	36	58	152	486	538	190	42	27	132	391
Uncertified	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	..	3	..	..	..	..	1	..	2	..	..	..	2	1	3
Small Pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anthrax	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	12	1	7	4	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	6	1	3	2	..	..	..	..	..	1	..	..	1	2
Diphtheria and Croup	..	8	1	1	3	3	..	..	..	..	..	..	5	..	5
Influenza	..	14	..	..	..	..	3	3	5	3	..	..	..	1	1
Erysipelas	..	2	1	..	..	..	..	..	1	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	..	84	1	..	1	4	23	31	18	6	4	..	6	8	18
Tuberculous Meningitis	..	6	..	4	..	..	1	1	..	..	3	1	..	1	5
Other Tuberculous Diseases	..	20	..	1	1	3	2	6	7	..	8	1	..	3	12
Cancer, malignant disease	..	186	..	..	..	..	..	20	105	61	31	9	1	14	55
Rheumatic Fever	..	5	..	..	..	2	2	1	..	..	..	..	1	..	1
Meningitis	..	8	..	1	2	2	1	1	1	..	..	..	..	..	..
Organic Heart Disease	..	198	..	..	..	5	2	18	74	99	7	1	..	21	29
Bronchitis	..	100	9	..	1	..	1	1	22	66	1	..	..	7	8
Pneumonia (all forms)	..	77	11	11	8	3	5	8	20	11	10	..	..	3	13
Broncho Pneumonia	..	39	10	10	6	1	..	2	5	5	5	..	..	..	5
Other diseases of respiratory organs	..	5	..	..	..	..	..	..	4	1	..	..	..	..	..
Diarrhoea and Enteritis	..	5	2	..	1	..	..	1	..	1	1	..	..	..	1
Appendicitis and Typhlitis	..	5	..	..	..	1	1	1	2	..	10	4	..	..	14
Cirrhosis of Liver	..	3	..	..	..	..	..	..	2	1	..	..	..	1	1
Alcoholism	..	2	..	..	..	..	..	1	1	..	..	..	..	1	1
Nephritis & Bright's Disease	..	63	..	..	..	1	3	8	36	15	3	1	1	5	10
Puerperal Fever	..	3	..	..	..	..	..	3	..	..	..	..	..	..	..
Other accidents and diseases of Pregnancy & Parturition	..	6	1	..	..	..	..	5	..	..	4	..	..	1	5
Congenital Debility and Malformation, including Premature Birth	..	43	42	1	..	..	..	..	..	..	5	2	7	3	17
Violent Deaths, excluding Suicide	..	49	4	..	4	4	5	10	11	11	37	1	..	1	39
Suicide	..	21	..	..	..	..	1	7	12	1	2	..	..	..	2
Other Defined Diseases	..	490	16	4	4	8	7	26	163	262	63	22	4	60	149
Diseases ill-defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	1424	90	33	31	36	58	152	486	538	190	42	27	132	391
Sub-Entries included in above figures.															
Encephalitis Lethargica	..	6	..	..	..	2	..	2	2	..	2	..	1	1	4
Cerebro Spinal Meningitis	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..
Pneumonia (other than Broncho-pneumonia)	..	38	1	1	2	2	5	6	15	6	5	..	..	3	8

TABLE D.

Infant Mortality during the Year 1926.

Nett Deaths from stated causes at various ages under One Year of Age.

CAUSES OF DEATH.			Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks & under 3 months.	3 months & under 6 months.	6 months & under 9 months.	9 months & under 12 months.	Total Deaths under 1 Year.
All Causes												
Certified .. ..	..	..	29	9	8	2	48	16	8	11	7	90
Uncertified .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Small Pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..	1	1
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	1
Diphtheria and Croup .. ..	..	..	..	..	..	..	..	..	..	1	..	1
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	1	..	1
Enteritis .. ..	..	..	..	..	..	..	..	..	..	1	1	2
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	1	..	1
Congenital Malformations .. ..	..	..	2	1	2	..	5	4	1	..	..	10
Premature birth .. ..	..	..	16	2	4	1	23	1	1	..	..	25
Atrophy, Debility and Marasmus .. ..	..	..	2	3	..	1	6	1	..	..	..	7
Atelectasis .. ..	..	..	2	..	..	..	2	..	..	..	..	2
Injury at birth .. ..	..	..	3	..	..	..	3	..	..	..	..	3
Erysipelas .. ..	..	..	..	1	..	..	1	..	..	..	..	1
Syphilis .. ..	..	..	..	1	..	..	1	1	..	..	..	2
Rickets .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (<i>not Tuberculous</i>) .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	..	..	2	1	1	..	4	1	1	..	..	6
Gastritis .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	..	..	..	..	..	5	2	1	1	9
Pneumonia (all forms) .. ..	..	..	..	..	1	..	1	1	2	3	4	11
Suffocation, overlying .. ..	..	..	..	..	..	..	..	1	1	..	..	2
Other Causes .. ..	..	..	2	..	..	..	2	1	..	3	..	6
Totals .. ..	..	..	29	9	8	2	48	16	8	11	7	90

Nett Births in the year (legitimate 1479
 (illegitimate 80)

Nett Deaths in the year of (legitimate infants 80
 (illegitimate infants 9
 Unknown 1

TABLE I.

Return of Births and Deaths Registered during the thirteen weeks ended 3rd April, 1926.

TOWNSHIPS	(Census Population, 1921.	Estimated Population at the middle of the Year 1926.	Births Registered dur- ing the 13 weeks ended April 3rd, 1926.	Deaths Registered dur- ing the 13 weeks ended April 3rd, 1926.	AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.						Rate of Mortality per 1,000.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					Under 1 year.	(Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	FEBERS.			Tuberculosis (all Forms.)	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	During the corres- ponding period year previous	During the 13 weeks ended April 3rd, 1926.	During the corres- ponding period year previous.	During the 13 weeks ended April 3rd, 1926.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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*Huddersfield Includ- ing Central, Marsh, Fartown, Deighton and Bradley	51,655	52,499	158	141	14	18	48

Death Rate—Huddersfield, with Infirmary & Nursing Homes, 13.45 Deaths of Children under one year per 1,000 births, 79. Death Rate of 105 Towns, 13.71.
 " Dalton, with Sanatoria 10.78
 " Lockwood, with Crosland Moor Workhouse 16.34 " " previous corresponding period, 50. Birth Rate (Zymotic) " 0.72.
 *Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

TABLE II.

Return of Births and Deaths Registered during the thirteen weeks ended July 3rd, 1925.

TOWNSHIPS.	Census Population, 1921.	Estimated Population at the middle of the year, 1926.	Births Registered during the 13 weeks ended July 3rd, 1926.	Deaths Registered during the 13 weeks ended July 3rd, 1926.	AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.							Rate of Mortality per 1,000.														
					Under 1 year.	Over 1 and under 5 years.	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhoid.	Other.	Diarrhoea.	Tuberculosis (all Forms).	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	During the corresponding period, year previous.	During the 13 weeks ended July 3rd, 1926.	During the corresponding period, year previous.	During the 13 weeks ended July 3rd, 1926.	All Causes.	Seven Zymotic Diseases.			
*Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley	51,655	52,499	158	134	10	7	55	1	..	..	..	..	..	..	..	..	10	16	25	16	66	11.53	10.24	0.07	0.08
Dalton	9,528	9,684	33	27	1	2	13	..	..	..	..	..	..	..	..	..	2	5	6	1	13	10.35	11.19	0.00	0.00
Almondbury	15,637	15,892	42	46	2	..	20	..	..	..	..	..	..	..	..	..	12	7	4	8	25	8.58	11.62	0.00	0.00
Lockwood	16,919	17,195	37	46	3	3	20	2	..	..	..	..	..	..	..	..	12	6	7	5	24	8.63	10.74	0.00	0.47
Lindley	10,478	10,649	29	24	1	..	12	..	..	..	..	..	..	..	..	..	1	4	6	2	13	6.78	9.05	0.00	0.00
Longwood	5,885	5,981	9	20	1	..	9	..	..	..	..	..	..	..	..	..	1	4	3	2	10	9.39	13.42	0.00	0.00
Royal Infirmary	8	35	4	4	4	4	6	1	3	21		
Nursing Homes	12	10	..	1	3	1	..	1	1	7	
Crosland Moor	
Workhouse	12	33	1	..	14	2	4	6	4	17	
Deanhouse do.	8	5	1	
Sanatoria	71	10	4	1	1	2	6
Other Deaths of Huddersfield Residents occurring outside the Borough	11	5	3	3	1	4
Borough	110,102	111,900	411	404	27	18	160	3	..	1	..	1	28	55	62	41	213
Rate per 1,000 of Estimated Population ..	..	..	14.74	14.49	0.97	0.65	5.74	..	0.11	..	0.04	..	0.04	..	0.04	..	1.00	1.97	2.22	1.47	7.64	12.76	14.49	0.04	0.18		

Death Rate	Deaths of Children under one year per 1,000 births.	Death Rate of 105 Towns, 11.53.
-Huddersfield, with Infirmary & Nursing Homes	13.68	66.
Dalton, with Sanatoria.	15.33	66.
Lockwood with Crosland Moor Workhouse	18.44	71.
		Birth Rate
		19.52

* Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908), it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Partown, Houghton and Bradley as in former years. The other districts are however, strictly comparable with those of previous years.

TABLE III.

Return of Births and Deaths Registered during the thirteen weeks ended 2nd October, 1926.

TOWNSHIPS	Census Population, 1921.	Estimated Population at the middle of the Year 1926.	Births Registered during the 13 weeks ended October 2nd, 1926.	Deaths Registered during the 13 weeks ended October 2nd, 1926.	AGE MORTALITY.			SEVEN ZYMOTIC DISEASES.						Rate of Mortality per 1,000.											
					Under 1 year.	Over 1 and under 5 years	Persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers.		Tuberculosis (all Forms).	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer.	All other Diseases.	During the corresponding period year previous.	During the 13 weeks ended Oct. 2nd, 1926.	During the corresponding period year previous.	During the 13 weeks ended Oct. 2nd, 1926.		
													Typhoid.	Other.											
*Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley	51,655	52,499	143	91	5	..	30	..	..	..	..	..	..	..	1	8	8	15	43	9.39	6.96	0.23	0.08	
Dalton	9,528	9,684	39	14	1	1	5	..	..	..	..	..	..	..	1	3	1	2	7	10.77	5.80	0.00	0.41	
Almondbury	15,637	15,892	53	35	2	..	14	..	..	..	..	..	..	..	..	4	3	5	14	5.83	8.84	0.25	0.00	
Lockwood	16,919	17,195	44	31	1	1	12	..	..	..	..	..	1	..	..	1	..	2	7	9.04	4.15	1.13	0.38	
Lindley	10,478	10,649	26	11	..	1	3	..	..	..	..	..	..	..	..	2	3	..	2	7	9.39	0.00	0.00	
Longwood	5,885	5,981	23	14	1	1	7	..	..	..	..	..	..	..	..	2	1	1	3	24	..	..	..	..
Royal Infirmary .....	..	..	1	31	2	2	5	..	..	..	..	..	..	..	..	1	1	1	3	24	..	..	..	..
Nursing Homes .....	..	..	13	4	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..
Crosland Moor Workhouse .....	..	..	11	23	..	..	12	..	..	..	..	..	..	..	..	3	..	7	3	10	..	..	..	..
Deanhouse do. ....	..	..	..	8	..	..	7	..	..	..	..	..	..	..	..	..	1	2	1	4	..	..	..	..
Sanatoria .....	..	..	72	3	..	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..
Other Deaths of Huddersfield Residents occurring outside the Borough .....	..	..	..	17	..	..	6	..	..	..	..	1	..	..	..	1	..	3	1	11	..	..	..	..
Borough	110,102	111,900	425	282	13	6	102	..	..	..	..	2	..	1	..	29	19	41	45	143	..	..	..	..
Rate per 1,000 of Estimated Population	15.24	10.11	0.47	0.22	3.66	0.07	..	0.04	..	0.07	1.04	0.68	1.47	1.61	5.13	11.43	10.11	0.25	0.18

Death Rate—Huddersfield, with Infirmary & Nursing Homes, 9.63 Deaths of Children under one year per 1,000 births, 31. Death Rate of 105 Towns, 9.08.
 Dalton, with Sanatoria, 7.05 " " previous corresponding period, 51. (Zymotic) " 0.52.
 Lockwood, with Crosland Moor Workhouse 12.60 Birth Rate " 18.37.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central Marsh, Fartown, Deighton and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

TABLE IV.

Return of Births and Deaths Registered during the thirteen weeks ended 1st January, 1927.

[illegible]

TABLE V.

Return of Births and Deaths Registered during the fifty-two weeks ended 1st January, 1927.

TOWNSHIPS	(Census Population, 1921.	Estimated Population at the middle of the year 1926	Births Registered during the 52 weeks ended January 1st, 1927.	Deaths Registered during the 52 weeks ended January 1st, 1927.	AGE MORTALITY.		SEVEN ZYMOTIC DISEASES.							All other Diseases.	During the corresponding period, year previous.	During the 52 weeks ended Jan. 1st, 1927.	All Causes.	Seven Zymotics	Rate of Mortality per 1,000.						
					Under 1 year	Over 1 and Under 5 years.	Persons aged 65 years and upwards.	Small Pox.	Measles	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.							Tuberculosis (all Forms)	Bronchitis, Pneumonia and Pleurisy.	Heart Diseases.	Cancer		
													Typhoid.											Other.	Diarrhoea.
*Huddersfield Including Central, Marsh, Fartown, Deighton and Bradley	51,655	52,499	588	493	35	30	184	..	10	2	3	..	..	1	39	79	81	59	219	10.67	9.42	0.15	0.31
Dalton	9,528	9,684	121	90	4	6	41	..	..	..	1	..	..	1	8	10	11	13	46	11.90	9.32	0.00	0.21
Almondbury	15,637	15,892	182	159	5	1	72	..	..	..	..	..	..	..	11	19	22	31	76	10.85	10.04	0.13	0.00
Lockwood	16,919	17,195	174	165	11	7	68	2	..	..	..	..	..	..	10	28	21	23	81	9.50	9.63	0.17	0.12
Lindley	10,478	10,649	119	105	8	1	41	..	..	..	..	1	..	..	4	10	19	11	60	9.41	9.89	0.28	0.09
Longwood	5,885	5,981	58	61	4	2	28	..	..	..	..	..	..	1	5	10	7	9	30	9.89	10.23	0.00	0.00
Royal Infirmary .....	..	..	18	110	8	10	16	..	..	..	1	..	..	..	9	7	5	15	72	..	..	..	..
Nursing Homes .....	..	..	46	31	1	1	9	..	..	..	..	..	..	..	2	..	1	7	21	..	..	..	..
Crosland Moor Workhouse ..	..	..	43	106	3	2	44	..	..	..	1	..	..	..	10	9	18	13	55	..	..	..	..
Deanhouse do. ....	..	..	29	..	..	21	..	..	..	..	..	..	..	..	1	2	5	2	19	..	..	..	..
Sanatoria .....	..	..	268	25	10	3	1	..	..	5	..	2	..	..	5	..	..	..	13	..	..	..	..
Other Deaths of Huddersfield Residents occurring outside the Borough ....	..	..	..	50	1	1	13	..	..	1	..	..	..	..	6	4	8	3	28	..	..	..	..
Borough	110,102	111,900	1617	1424	90	64	538	..	12	8	6	3	..	3	110	178	198	186	720	..	..	..	..
Rate per 1,000 of Estimated Population	14.50	12.77	0.81	0.57	4.82	..	0.11	..	0.07	0.05	0.03	..	0.03	0.99	1.60	1.78	1.67	6.46	13.38	12.77	0.18	0.29	

Death Rate—Huddersfield, with Infirmary & Nursing Homes, 12.12 Deaths of Children under one year per 1,000 births, 56, Death Rate of 105 Towns, 11.65.
 " Dalton, with Sanatoria, 11.92 " " previous corresponding period, 69, " (Zymotic) " 0.56.
 " Lockwood, with Crosland Moor Workhouse, 15.81 " Birth Rate " 18.48.

*Owing to the alterations in the Ward Boundaries made by the Council in January, 1908 (see Minutes, 15-1-1908) it is not possible to continue the division of the Huddersfield Township into the Districts, Central, Marsh, Fartown, Deighton, and Bradley as in former years. The other districts are, however, strictly comparable with those of previous years.

Year.	Estimated Population at the middle of the Year.	From all ages, and at all ages.	Death Rate per 1,000 per annum for					ZYMOTIC DISEASES.										Violence and Accidents.	Consumption and Diseases of Organs.
			Children under 1 year.	Children over 1 year and under 5 years.	10 persons aged 20 years and upwards.	10 persons aged 65 years and upwards.	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhea.	Seven Zymotic Diseases.					
1880	81,780	22.04	5.20	3.79	6.66	..	0.02	0.40	0.28	0.05	0.15	0.67	0.91	2.49	0.61	6.72			
1881	82,113	20.35	4.67	2.82	6.54	..	0.00	0.09	0.21	0.04	0.42	0.13	0.38	1.26	0.75	6.50			
1882	83,271	22.39	5.64	3.93	6.60	..	0.00	0.96	0.26	0.07	0.64	0.18	0.53	2.63	0.65	6.81			
1883	84,450	21.38	5.14	3.09	6.52	..	0.00	0.39	0.08	0.04	0.55	0.18	0.44	1.68	0.58	7.65			
1884	86,004	19.54	4.84	2.55	6.34	..	0.00	0.18	0.08	0.05	0.70	0.14	0.63	1.77	0.57	5.65			
1885	87,327	20.05	4.62	2.84	6.79	..	0.00	0.65	0.13	0.05	0.29	0.11	0.20	1.42	0.74	6.50			
1886	88,670	19.54	4.49	2.76	6.30	..	0.00	0.19	0.37	0.14	0.32	0.14	0.48	1.63	0.79	6.38			
1887	90,034	22.99	5.06	4.42	6.70	..	0.00	1.39	0.35	0.46	0.68	0.10	0.41	3.39	0.51	7.26			
1888	91,419	18.51	3.90	2.80	6.37	..	0.02	0.36	0.29	0.15	0.41	0.13	0.19	1.55	0.65	5.40			
1889	92,825	18.79	4.15	2.78	6.33	..	0.00	0.98	0.28	0.13	0.16	0.11	0.36	2.02	0.38	5.95			
1890	94,253	18.84	3.83	2.19	7.02	..	0.01	0.04	0.07	0.05	0.42	0.25	0.39	1.23	0.48	6.58			
1891	95,410	23.02	4.52	3.51	8.04	..	0.00	1.12	0.31	0.05	0.62	0.16	0.14	2.40	0.67	7.66			
1892	95,373	18.37	3.53	2.60	6.97	..	0.01	0.71	0.19	0.07	0.30	0.06	0.19	1.55	0.48	5.76			
1893	95,336	17.84	2.37	2.05	6.82	..	0.02	0.26	0.26	0.03	0.14	0.15	0.55	1.41	0.38	5.55			
1894	95,299	16.46	3.35	1.94	5.92	..	0.00	0.14	0.24	0.28	0.58	0.14	0.19	1.57	0.40	4.81			
1895	95,261	17.89	3.58	1.95	7.00	..	0.00	0.13	0.21	0.20	0.22	0.06	0.54	1.36	0.47	5.17			
1896	95,224	17.69	3.63	2.25	6.90	..	0.00	0.28	0.20	0.27	0.57	0.13	0.34	1.79	0.50	5.51			
1897	95,187	17.56	3.30	1.74	6.81	..	0.00	0.27	0.35	0.22	0.21	0.17	0.35	1.57	0.48	5.05			
1898	95,149	17.13	3.70	1.89	7.03	..	0.00	0.34	0.10	0.15	0.12	0.10	0.81	1.62	0.60	4.65			
1899	95,112	17.63	3.79	1.41	7.44	..	0.00	0.12	0.07	0.05	0.59	0.25	0.95	2.04	0.52	4.74			
1900	95,074	18.49	3.32	1.89	8.20	..	0.00	0.62	0.20	0.02	0.18	0.24	0.50	1.74	0.57	5.26			
1901	95,351	16.64	3.02	1.23	..	4.88	0.00	0.14	0.06	0.06	0.02	0.19	0.94	1.41	0.61	4.46			
1902	96,573	17.43	3.30	1.78	..	4.17	0.01	0.59	0.11	0.15	0.47	0.05	0.19	1.58	0.57	4.46			
1903	97,808	16.25	2.78	1.32	..	4.29	0.02	0.00	0.15	0.14	0.25	0.07	0.50	1.83	0.61	4.13			
1904	99,056	16.78	3.08	1.69	..	4.11	0.01	0.76	0.10	0.14	0.25	0.17	0.46	1.07	0.58	4.15			
1905	100,317	16.05	2.69	1.29	..	4.17	0.00	0.05	0.11	0.11	0.17	0.17	0.46	1.07	0.58	4.15			
1906	101,591	16.18	3.07	1.81	..	4.21	0.00	0.60	0.07	0.13	0.32	0.09	0.80	2.00	0.44	3.84			
1907	102,887	15.61	2.07	1.11	..	4.23	0.00	0.10	0.06	0.08	0.18	0.11	0.49	0.71	0.50	3.95			
1908	104,178	15.54	2.48	1.55	..	4.05	0.00	0.62	0.03	0.08	0.13	0.08	0.56	1.50	0.47	3.55			
1909	105,492	14.64	2.11	1.27	..	4.12	0.00	0.17	0.09	0.19	0.14	0.10	0.25	0.94	0.55	3.47			
1910	106,820	14.76	2.02	1.17	..	3.86	0.00	0.09	0.17	0.14	0.27	0.05	0.28	1.00	0.49	3.22			
1911	108,144	15.17	2.61	1.20	..	4.40	0.00	0.16	0.15	0.20	0.10	0.07	1.14	1.83	0.50	3.16			
1912	109,512	13.81	1.82	0.95	..	4.07	0.00	0.19	0.20	0.08	0.24	0.02	0.10	0.83	0.44	2.98			
1913	110,882	14.77	2.02	0.97	..	4.49	0.00	0.22	0.06	0.05	0.07	0.08	0.33	0.82	0.57	3.64			
1914	112,265	14.69	2.02	1.19	..	4.36	0.00	0.44	0.03	0.04	0.19	0.05	0.13	0.87	0.54	3.59			
1915	112,265	16.35	1.89	0.90	..	5.27	0.00	0.20	0.00	0.16	0.08	0.01	0.24	0.69	0.53	4.78			
1916	111,139	15.11	1.78	0.99	..	4.89	0.00	0.02	0.01	0.14	0.33	0.02	0.10	0.65	0.42	3.97			
1917	107,969	13.29	1.22	0.81	..	4.33	0.00	0.27	0.01	0.10	0.01	0.09	0.11	0.59	0.51	4.14			
1918	105,818	16.70	1.49	1.27	..	4.64	0.00	0.18	0.01	0.10	0.15	0.03	0.07	0.56	0.51	5.22			
1919	105,346	15.81	1.34	0.85	..	4.99	0.00	0.02	0.00	0.07	0.04	0.03	0.04	0.23	0.43	4.63			
1920	112,301	13.37	1.51	0.62	..	4.17	0.00	0.05	0.06	0.15	0.05	0.01	0.00	0.34	0.54	3.52			
1921	116,776	12.72	1.52	0.49	..	3.14	0.00	0.01	0.01	0.09	0.06	0.03	0.12	0.34	0.39	3.16			
1922	111,900	13.17	1.22	0.58	..	4.83	0.00	0.08	0.008	0.08	0.14	0.02	0.03	0.39	0.57	2.92			
1923	111,600	12.62	1.13	0.23	..	4.55	0.00	0.03	0.02	0.03	0.05	0.04	0.03	0.23	0.48	2.98			
1924	111,800	13.97	1.40	0.60	..	5.15	0.00	0.14	0.008	0.035	0.105	0.04	0.00	0.33	0.34	3.65			
1925	112,000	13.38	1.00	0.49	..	5.14	0.00	0.07	0.01	0.03	0.06	0.01	0.00	0.18	0.51	2.96			
1926	111,900	12.77	0.81	0.57	..	4.82	0.00	0.11	0.00	0.07	0.05	0.03	0.03	0.29	0.44	2.38			

TABLE VII.

Mortality per 1,000 Persons Living at all Ages.

DISTRICTS	Mortality per 1,000 Persons Living at all Ages.																
	Birth-rate.	Children under 1 year.	1 to 5 Years.	Adults over 65 years.	Seven Zymotic Diseases.	Constitutional Diseases.	Tuberculosis all forms.	Developmental Diseases.	Diseases of the Nervous System.	Diseases of the Circulatory System.	Diseases of the Respiratory System.	Diseases of the Digestive System.	Diseases of the Urinary System.	Diseases of the Reproductive System.	Violence.	Ill-defined and not Specified Causes.	Total from all Causes.
Huddersfield Township (with Infirmary & Nursing Homes)	12.46	0.84	0.78	4.34	0.34	1.97	1.03	1.17	1.34	2.37	1.70	0.92	0.63	0.06	0.99	0.46	12.98
Huddersfield Township (without Infirmary & Nursing Homes)	11.24	0.67	0.57	3.86	0.31	1.41	0.82	1.03	1.28	2.22	1.57	0.27	0.48	0.02	0.48	0.40	10.28
Dalton (with Sanatoria)	40.31	1.55	0.93	4.66	0.93	1.76	1.45	2.28	1.14	1.76	1.35	0.10	1.14	0.00	0.51	0.52	12.74
Dalton (without Sanatoria)	12.54	0.52	0.62	4.56	0.21	1.76	0.93	1.35	1.04	1.76	1.35	0.10	0.93	0.00	0.31	0.41	10.15
Almondbury	11.49	0.32	0.06	4.80	0.00	2.59	0.76	0.88	1.33	2.27	1.26	0.06	0.76	0.13	0.32	0.32	10.67
Lockwood (with Workhouse)	12.66	0.82	0.52	6.83	0.23	2.33	1.17	1.93	2.22	3.91	2.16	0.12	0.93	0.06	0.35	0.87	16.28
Lockwood (without Workhouse) ..	10.15	0.64	0.41	4.26	0.17	1.52	0.58	0.87	1.63	2.16	1.63	0.06	0.58	0.06	0.29	0.52	10.09
Lindley	11.21	0.75	0.09	4.24	0.09	1.60	0.47	1.41	1.51	2.26	1.13	0.38	0.75	0.00	0.28	0.66	10.55
Longwood	9.73	0.67	0.33	4.70	0.00	2.18	0.84	2.35	1.01	1.51	1.84	0.33	0.17	0.00	0.17	0.00	10.40
Total for Borough, 1926	14.50	0.81	0.57	4.82	0.29	2.07	0.99	1.42	1.45	2.48	1.63	0.52	0.73	0.05	0.65	0.50	12.77
Total for 1925	14.61	1.00	0.50	5.14	0.18	1.90	1.10	1.58	1.53	2.66	2.08	0.55	0.63	0.12	0.51	0.55	15.38

The above figures include persons belonging to Huddersfield who died outside the Borough classified to the localities in which they previously resided.

TABLE VIII.

Cases of infectious diseases notified under the 64th clause of the Huddersfield Improvement Act, 1880, or found through official enquiries, during the four quarters of the 52 weeks of the year 1926.

A Cases of Small Pox, Scarlet Fever, Typhoid, and Typhus Fever.

	1st Quarter.			2nd Quarter.			3rd Quarter.			4th Quarter.			YEAR.		
	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.	Deaths in Hospital.	Cases heard of.	Admitted to Hospital.	Total deaths in Borough.
Small pox	8	8	..	..	..	..	..	..	..	..	..	..	8	8	..
Scarlet fever	156	155	..	..	93	..	..	..	118	115	..	..	432	416	..
Typhoid fever	13	13	1	1	7	1	1	..	..	..	..	..	26	24	3
Typhus fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	177	176	1	1	109	100	1	1	62	57	1	..	118	115	..
													466	448	3
															2

B Other Diseases.

	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		TOTAL.	
	Heard of.	Hospital.	Heard of.	Hospital.	Heard of.	Hospital.	Heard of.	Hospital.	Heard of.	Hospital.
Continued fever .....	..	..	..	..	..	..	..	..	..	..
Chicken Pox .....	..	..	..	..	..	..	..	..	..	..
Diphtheria	34	33	43	..	46	45	46	..	169	..
Puerperal fever	2	..	5	..	..	..	1	..	8	165
Erysipelas	19	1	17	..	10	..	11	..	57	1
Diarrhoea (in children under 5 years) ..	1	..	..	..	..	..	1	..	7	..
Ophthalmia Neonatorum	6	1	9	..	6	..	7	..	28	1
Cerebro-Spinal Meningitis	1	..	..	..	..	..	1	..	2	..
Polio-Myelitis .....	..	..	..	..	..	..	1	..	1	..
Anthrax .....	..	..	1	..	..	..	..	..	1	..

TABLE IX.

Birth-rate, Death-rate, and Analysis of Mortality during the Year 1926.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1926, while those for the towns have been calculated on populations estimated to the middle of 1925. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	BIRTH-RATE PER 1,000 TOTAL POPULA- TION.	ANNUAL DEATH-RATE PER 1,000 POPULATION.										RATE PER 1,000 BIRTHS.		PERCENTAGE OF TOTAL DEATHS.		
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping- Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under 2 Years).	Total Deaths under One Year.	Cause of Death certified by Registered Medical Practitioners.	Inquest Cases.	Uncertified Causes of Death.	
England and Wales	17.8	11.6	0.01	0.00	0.09	0.02	0.10	0.07	0.22	0.47	8.7	70	91.8	7.2	1.0	
105 County Boroughs and Great Towns including London	18.2	11.6	0.01	0.00	0.12	0.02	0.10	0.10	0.22	0.43	11.8	73	92.0	7.5	0.5	
158† Smaller Towns (1921 Adjusted Populations 20,000—50,000)	17.6	10.6	0.01	0.00	0.07	0.02	0.11	0.06	0.23	0.40	6.6	67	92.6	6.3	1.1	
London	17.1	11.6	0.01	0.00	0.20	0.02	0.05	0.12	0.17	0.48	11.8	64	90.6	9.4	0.0	

† Hanwell U.D. having been added to Ealing M.B. on the 1st October, 1926, the figures relate to 154 towns for the first nine months and to 157 towns for the rest of the year.

This Table has been kindly furnished by the Registrar General of Births, Marriages, and Deaths.